Unit Name	Investigations	Sessions	Main Math Ideas	Assessments
Unit 5- LARGE NUMBERS AND LANDMARKS *Addition, Subtraction & the Number System*	1-3	**19** Approx. 19-22 days		Checklists, Games Quizzes and Unit Test
4.OA.A.3 Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding. **4.NBT.A.1** Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that 700 ÷ 70 = 10 by applying concepts of place value and division.	**1- STUDYING ADDITION**	**1.1 – 1.6**	**Extending knowledge of the number system to 1,000,000** **Adding & subtracting fluently**	**Quiz 1 A34 Session 1.5** **A35 Solving an Addition Problem in Two Ways Session 1.6**
4.NBT.A.2 Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons. **4.NBT.A.3** Use place value understanding to round multi-digit whole numbers to any place. **4.NBT.B.4** Fluently add and subtract multi-digit whole numbers using the standard algorithm.	**2- STUDYING SUBTRACTION**	**2.1 – 2.7**	**Adding & subtracting fluently** **Describing, analyzing, and comparing strategies for adding & subtracting whole numbers**	**A36 Assessment Checklist, Session 2.5** **Quiz 2 A37–A38 Session 2.6** **A39 Solving a Subtraction Problem Session 2.7**
4.NBT.B.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. **4.NBT.B.6** Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. **4.MD.A.2** Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.	**3- ADDING AND SUBTRACTING LARGE NUMBERS**	**3.1 – 3.6**	**Extending knowledge of the number system to 1,000,000** **Adding & subtracting fluently**	**A40 Assessment Checklist, Sessions 3.1 and 3.4** **Quiz 3 A42 Session 3.5** **A43 Addition & Subtraction with Multi-Digit Numbers Session 3.6** **UNIT 5 TEST**